

1/12

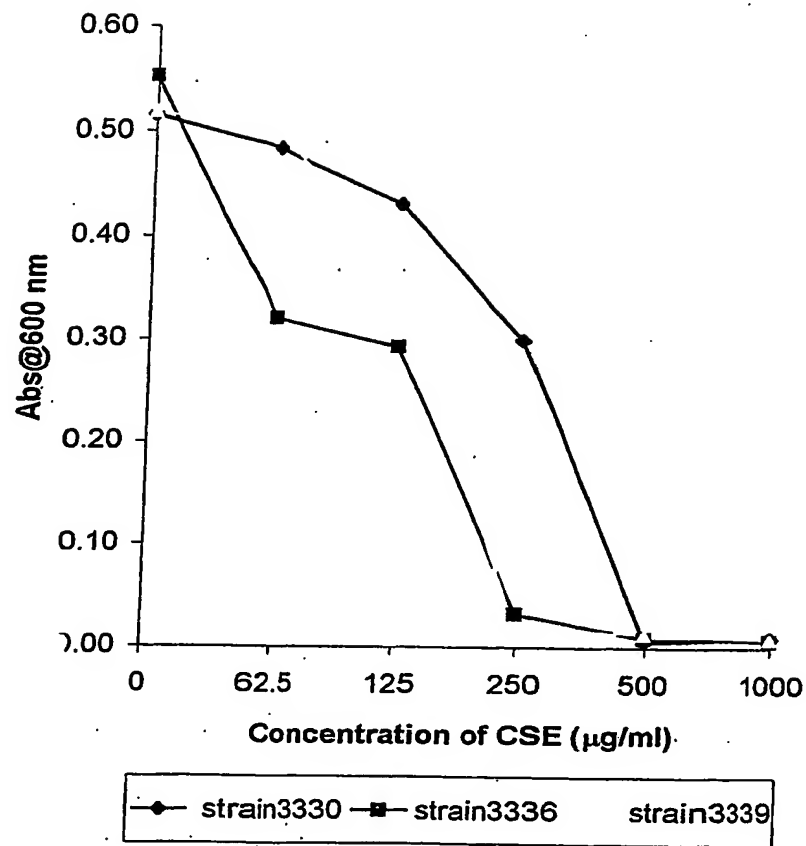


Fig.1 Effect of CSE crude extract on the growth of the strains (3330, 3336, 3339) of *H. pylori*

2/12

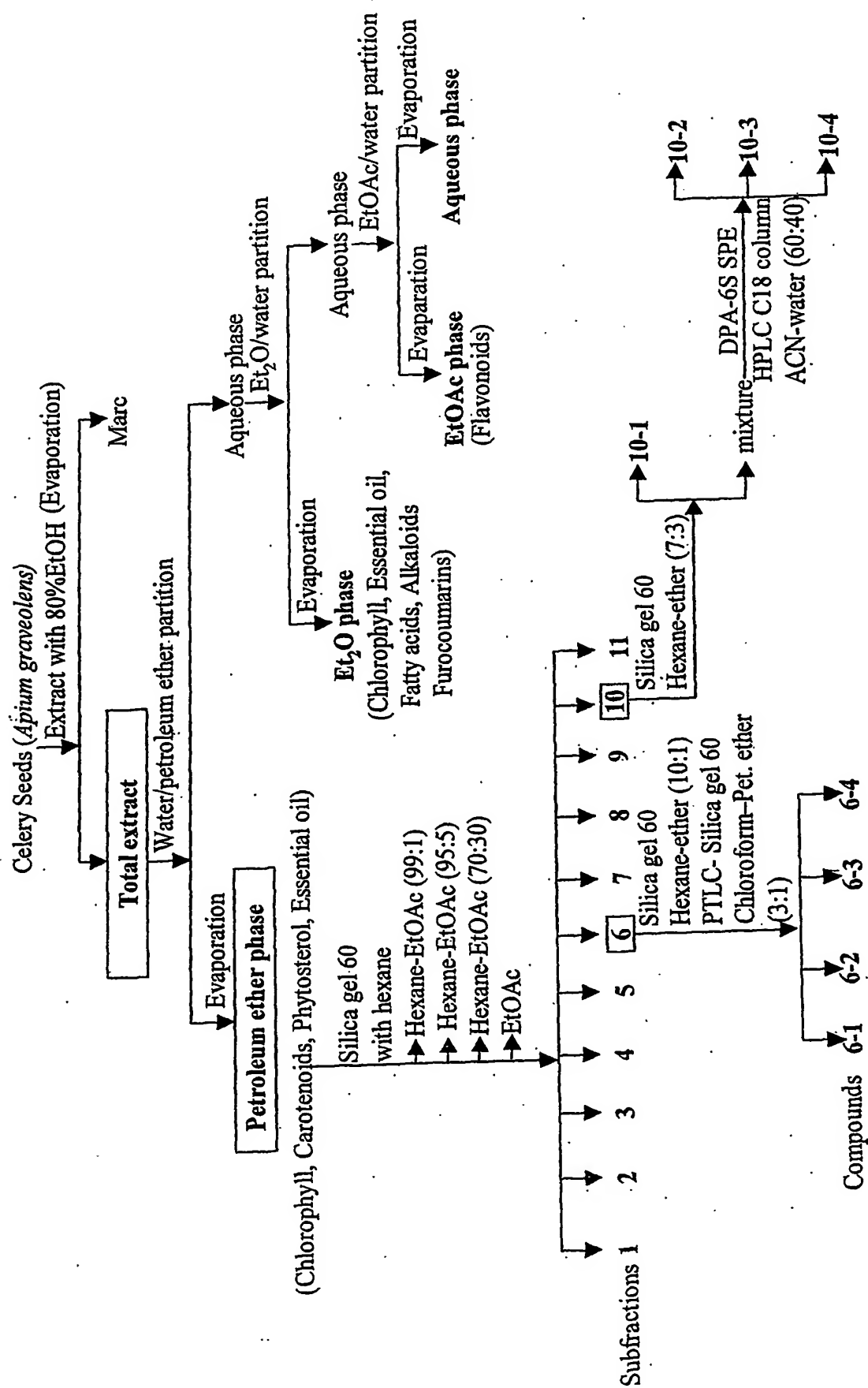


Fig.2 Bioassay-guided fractionation scheme of celery seed extract (antimicrobial agents enclosed in boxes)

3/12

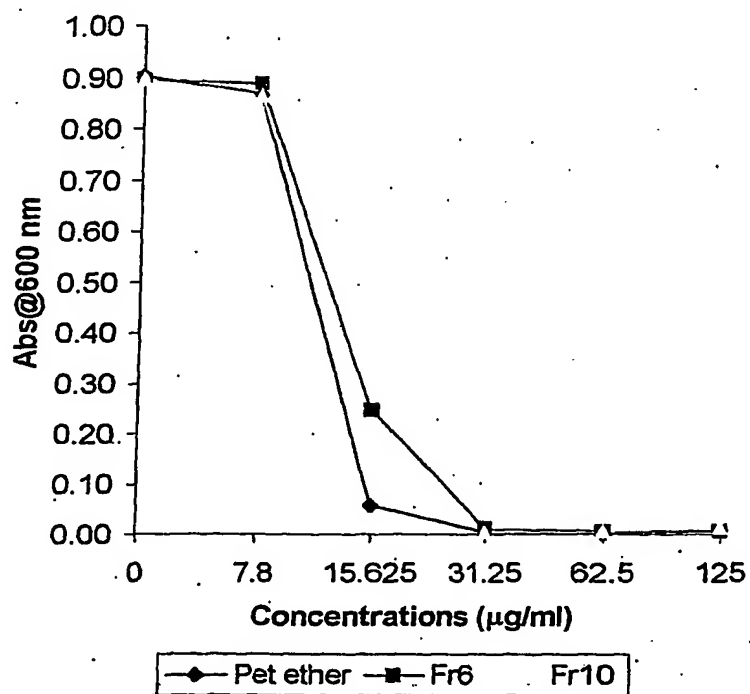


Fig.3 Antimicrobial activity of pet.ether fraction and subfractions 6 and 10 against *H.pylori* (strain 3339)

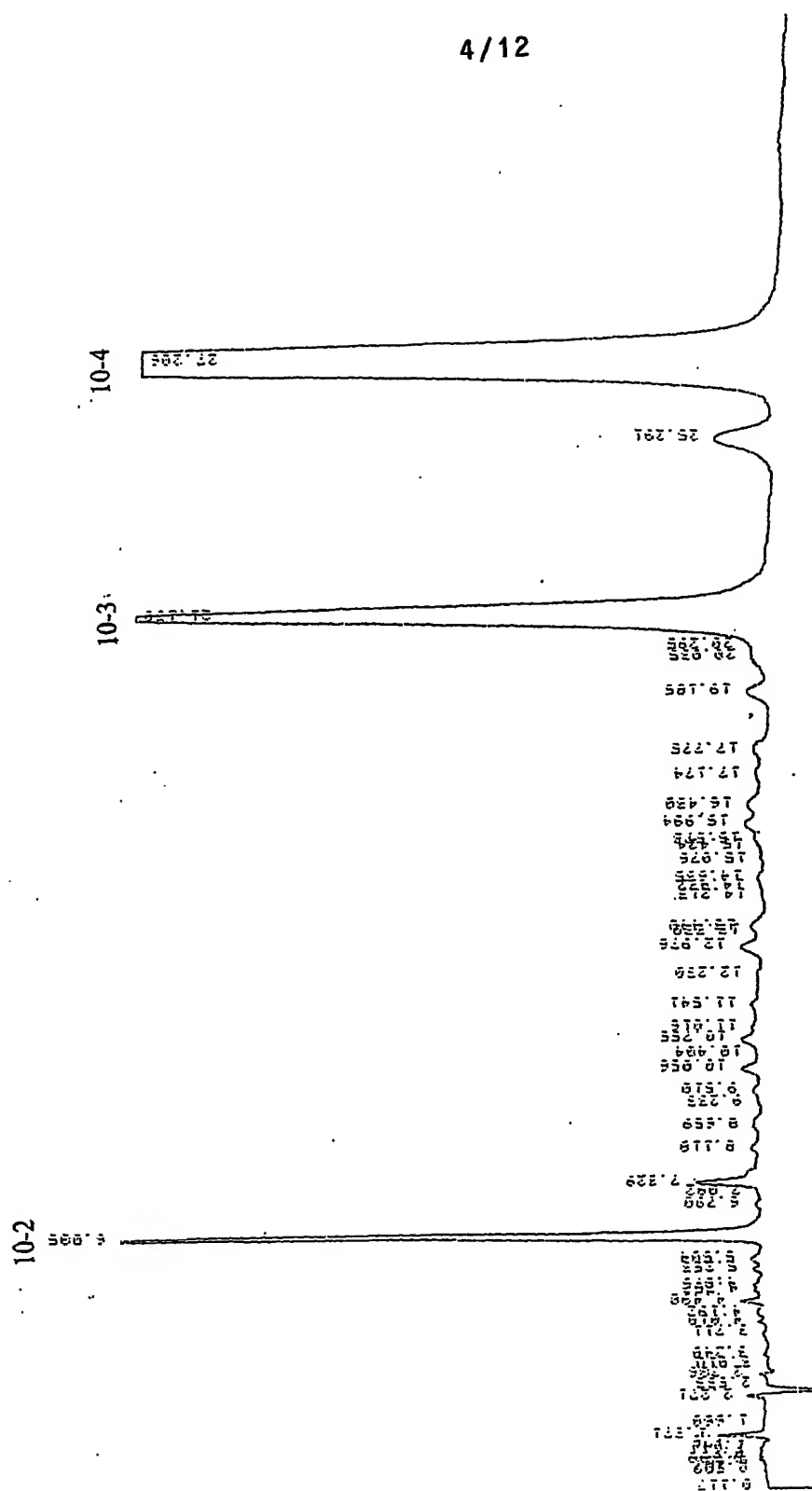


Fig.4 Analytical separation of mixture from subfraction 10. Column: Nucleosil® C18, 250 × 4.6 mm I.D.; Mobile phase: ACN/water (60:40); Flow rate: 1.0 ml/min; Detection: UV @ 236 nm; Injection volume: 10 µl; Sample: 500 µg in 1 ml of 40% ACN in water ; Temperature: Ambient; ATT: 3.

5/12

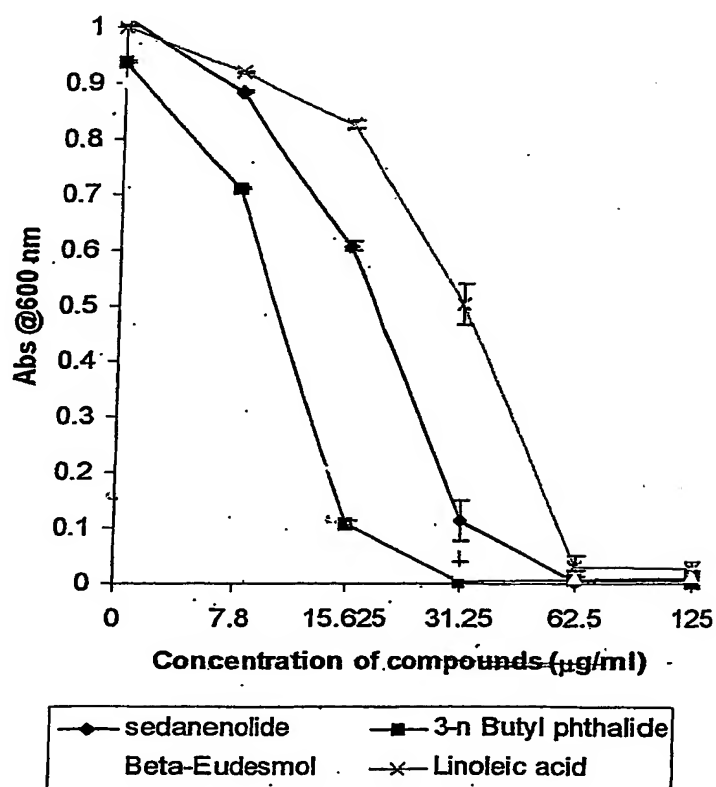
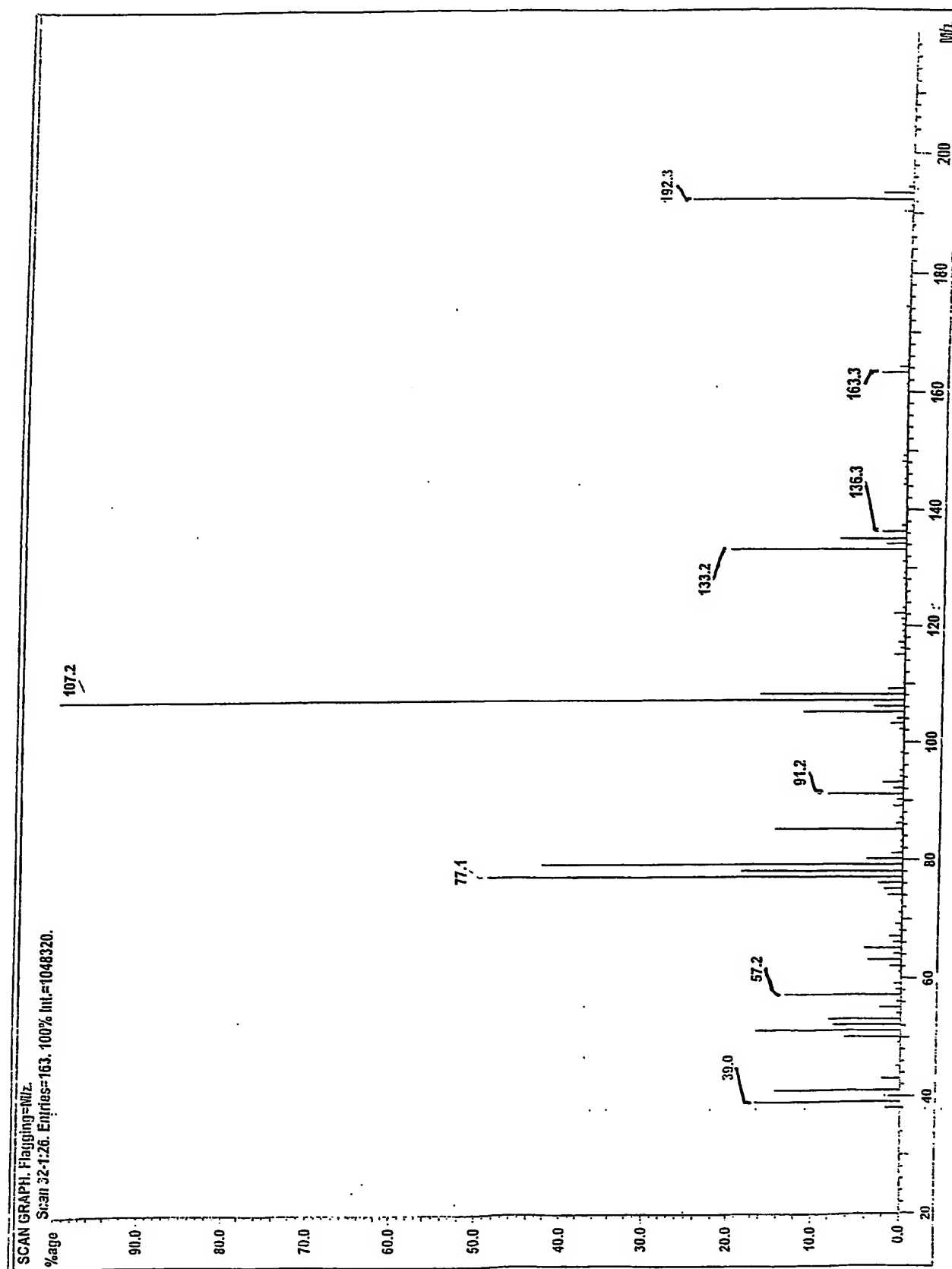


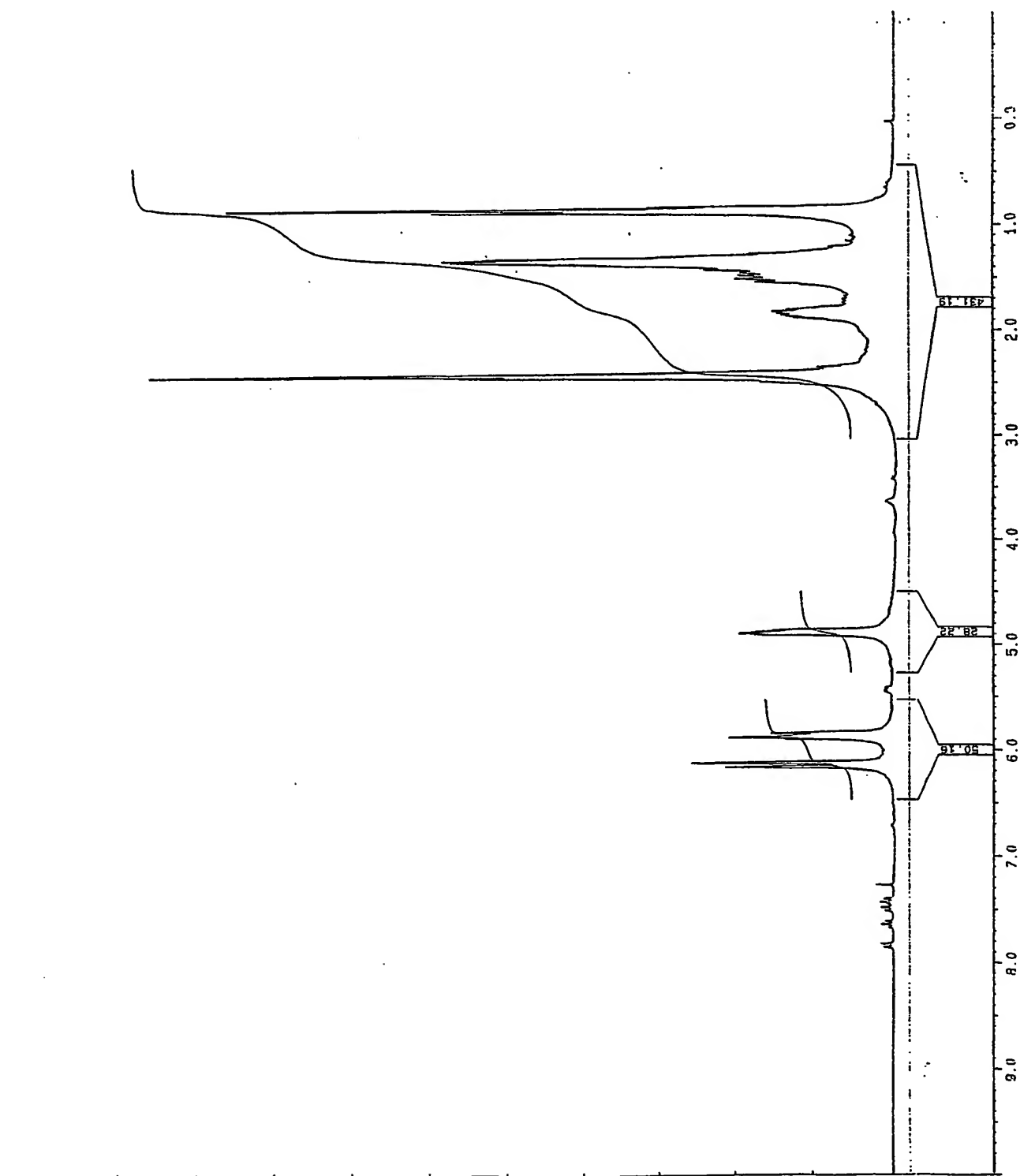
Fig.5 Antimicrobial activities of compounds against *H. pylori* (strain 3339)

6/12

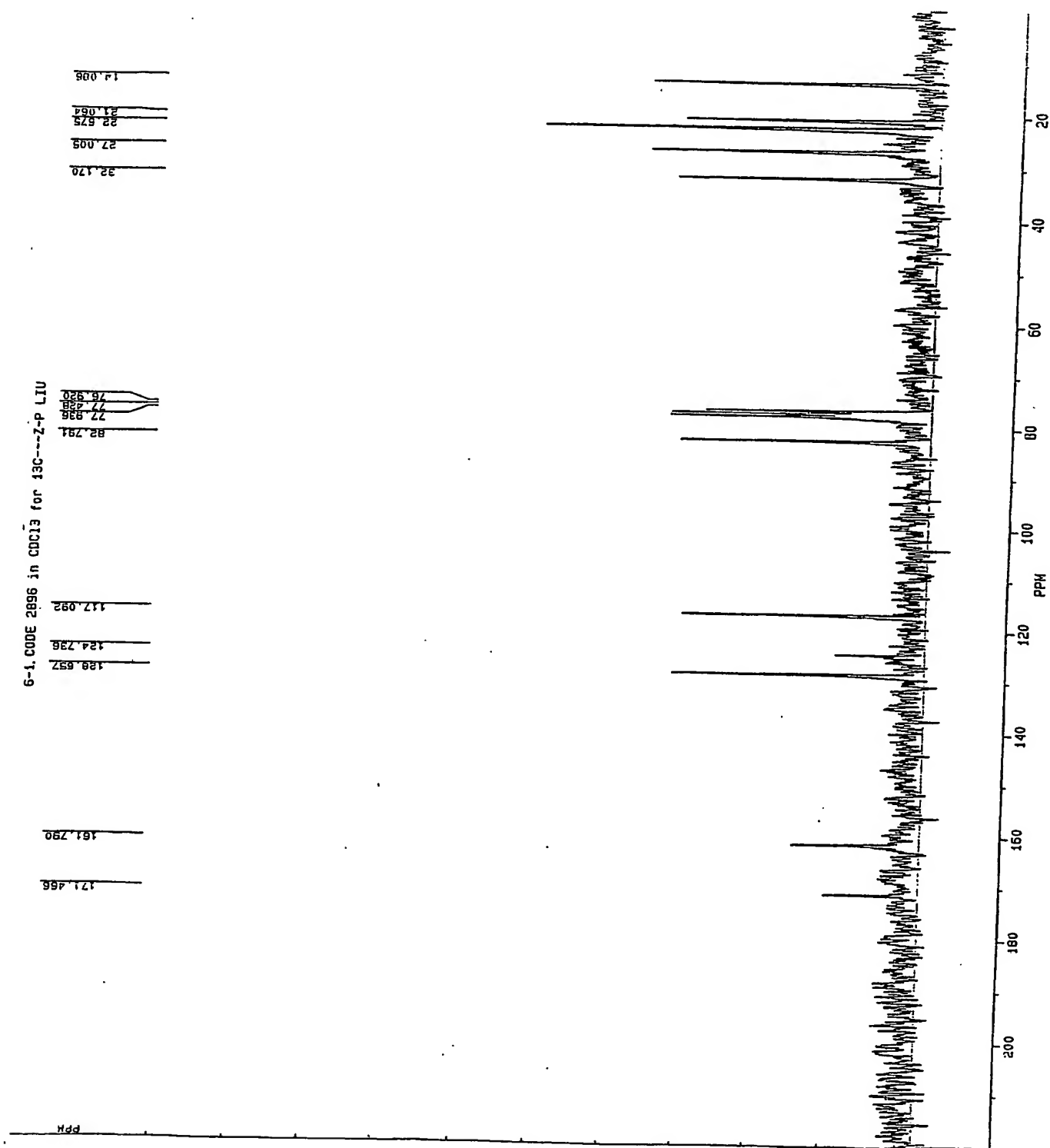
Fig.6 EI-MS spectrum of compound 6-1



7/12

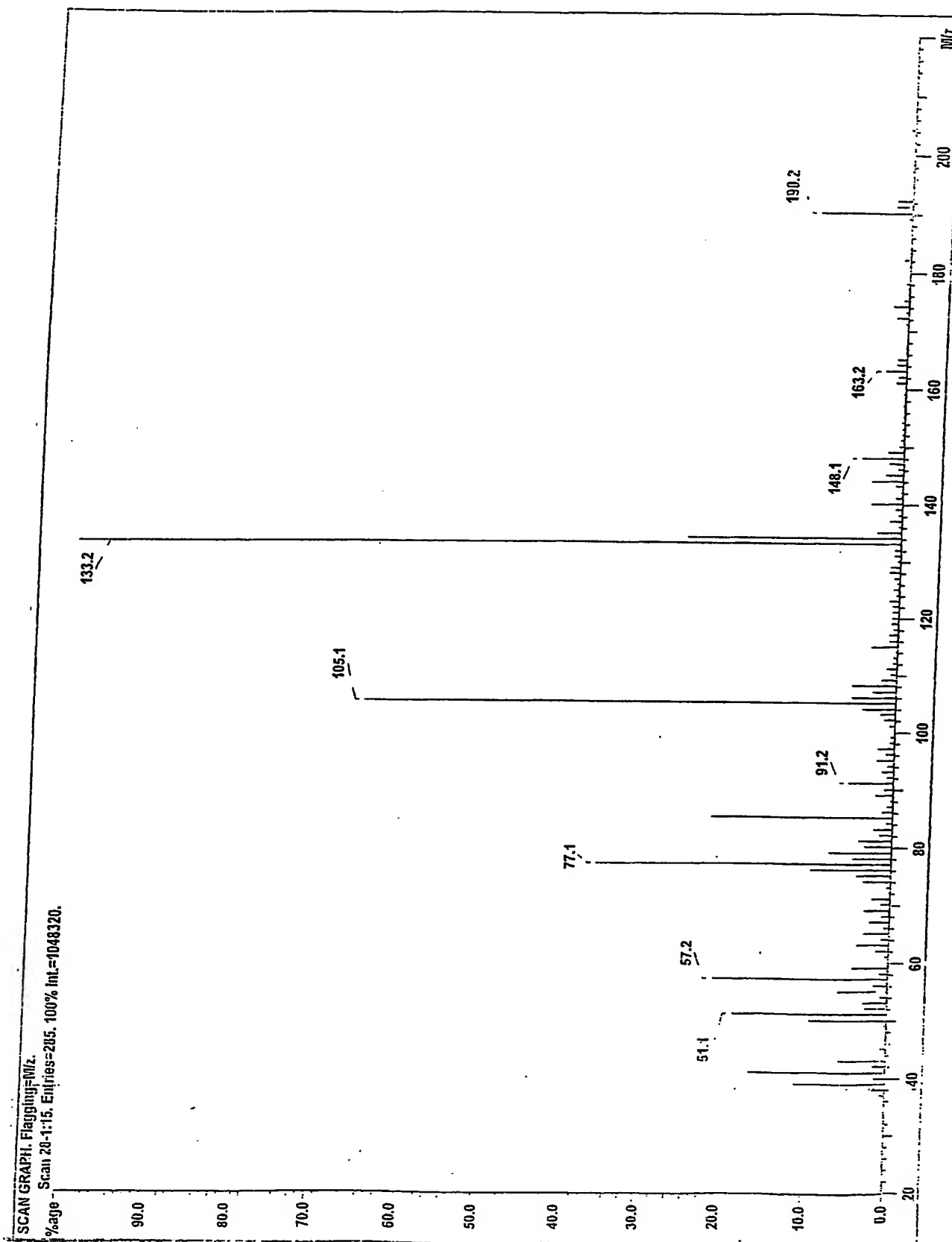
Fig.7 ^1H NMR spectrum of compound 6-1

8/12

Fig.8 ^{13}C NMR spectrum of compound 6-1

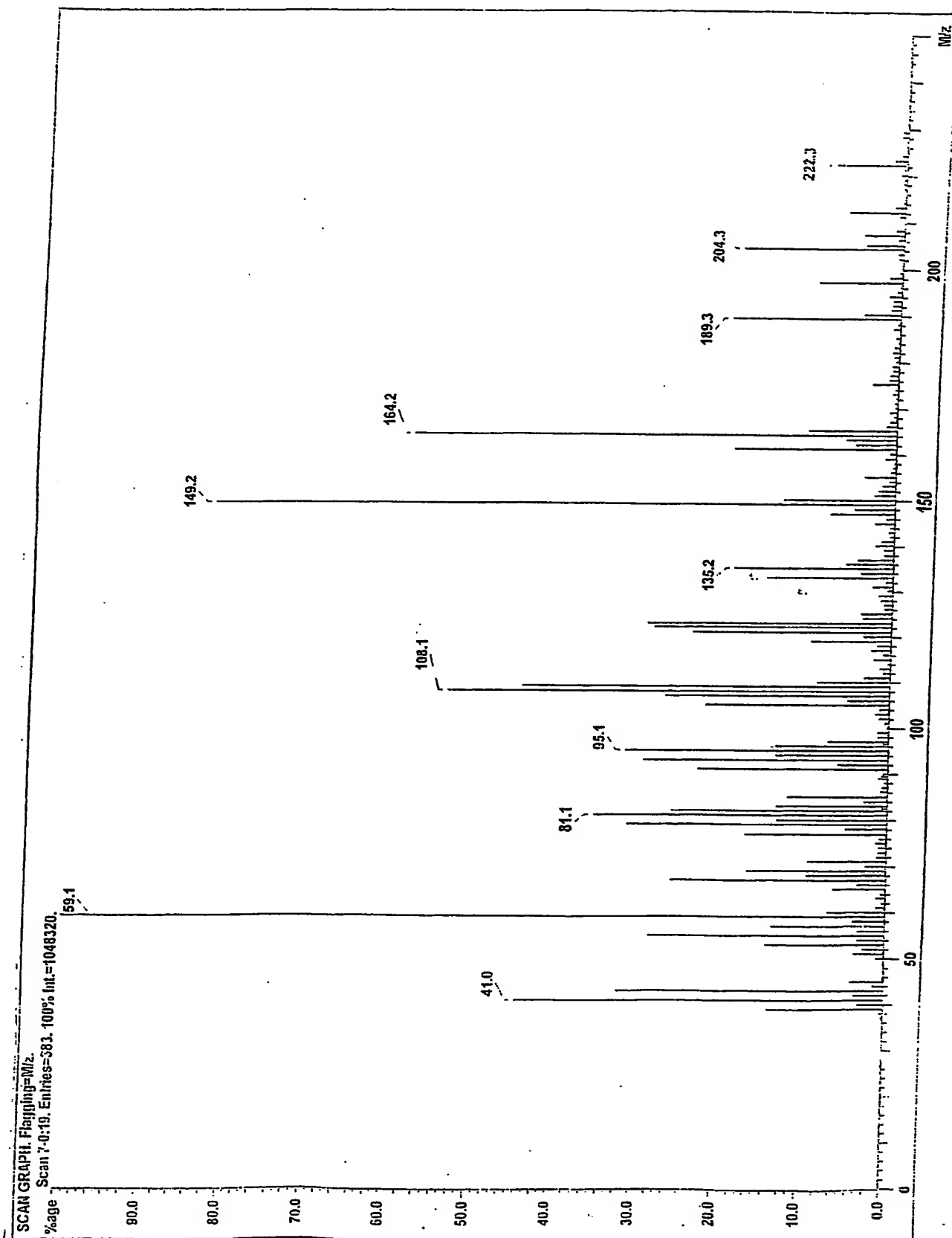
9/12

Fig.9 EI-MS spectrum of compound 6-2



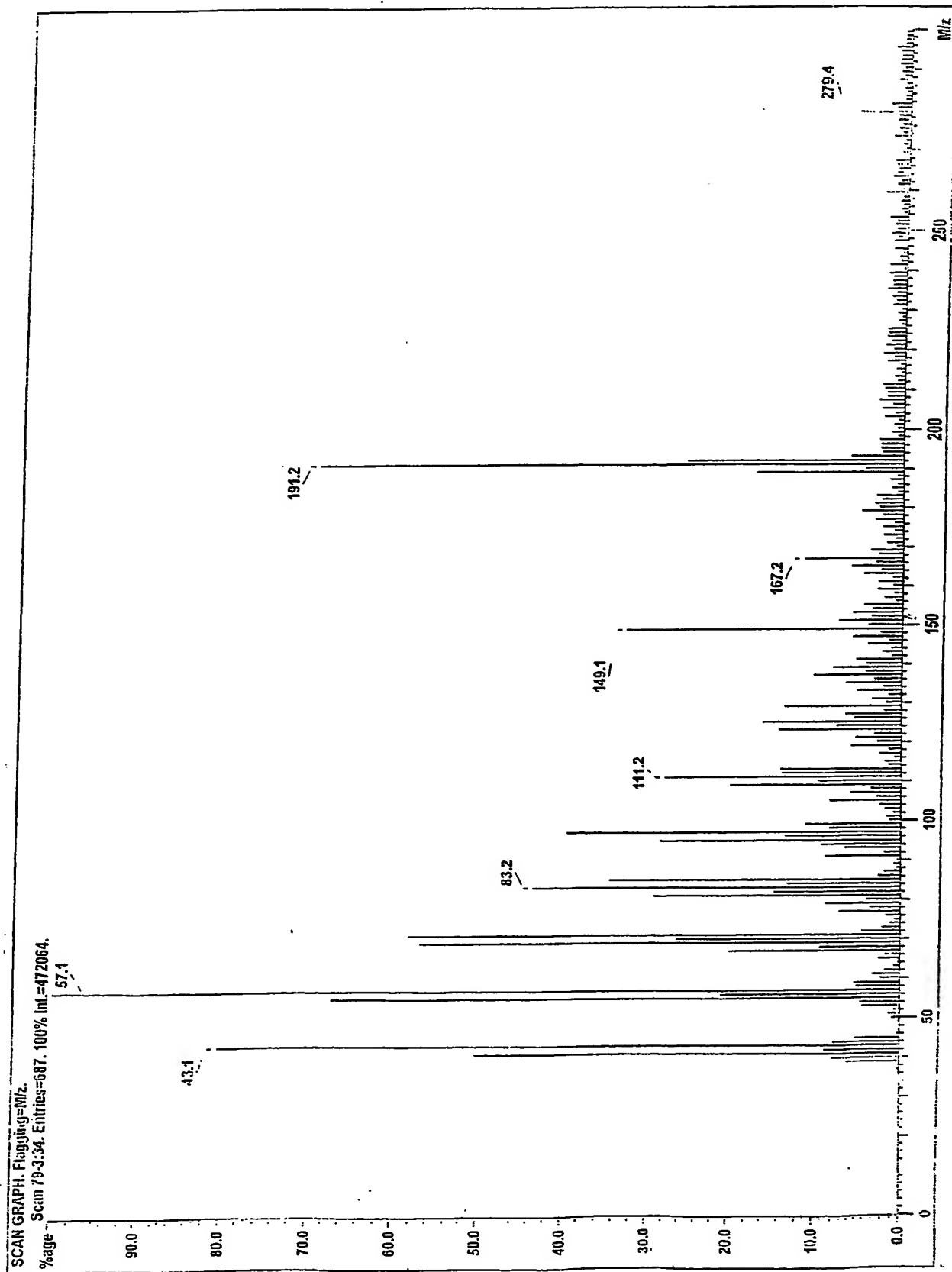
10/12

Fig.10 EI-MS spectrum of compound 6-3



11/12

Fig.11 EI-MS spectrum of compound 6-4



12/12

Fig.12 EI-MS spectrum of compound 10-1

